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PTO/SB/21 (09-04)

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## TRANSMITTAL FORM

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Total Number of Pages in This Submission

Application Number

09/976,395

Filing Date

October 12, 2001

First Named Inventor

Austin H. Lesea

Art Unit

2115

Examiner Name

Mark A. Connolly

Attorney Docket Number

X-742 US

### ENCLOSURES (Check all that apply)

☐

Fee Transmittal Form

☐

Fee Attached

☒

Amendment/Reply

☐

After Final

☐

Affidavits/declaration(s)

☐

Extension of Time Request

☐

Express Abandonment Request

☐

Information Disclosure Statement

☐

Certified Copy of Priority Document(s)

☐

Reply to Missing Parts/  
Incomplete Application

☐

Reply to Missing Parts  
under 37 CFR 1.52 or 1.53

☐

Drawing(s)

☐

Licensing-related Papers

☐

Petition

☐

Petition to Convert to a  
Provisional Application

☐

Power of Attorney, Revocation

Change of Correspondence Address

☐

Terminal Disclaimer

☐

Request for Refund

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CD, Number of CD(s) \_\_\_\_\_

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Landscape Table on CD

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After Allowance Communication to TC

☐

Appeal Communication to Board  
of Appeals and Interferences

☐

Appeal Communication to TC  
(Appeal Notice, Brief, Reply Brief)

☐

Proprietary Information

☐

Status Letter

☐

Other Enclosure(s) (please identify  
below):

Remarks

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

XILINX, INC.

CUSTOMER NO: 24309

Signature

Printed name

Lois D. Cartier

Date

July 19, 2005

Reg. No.

40,941

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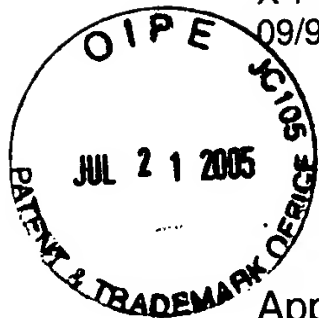
July 19, 2005

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X-742 US  
09/976,395

PATENT  
Conf. No.: 2798



IN THE UNITED STATES PATENT OFFICE

Applicants: Austin H. Lesea et al.

Assignee: Xilinx, Inc.

Title: "PROGRAMMABLE BATTERY TYPE CONTROLLER IN A  
PROGRAMMABLE LOGIC DEVICE"

Serial No.: 09/976,395

File Date: 10/12/2001

Examiner: Mark A. Connolly

Art Unit: 2115

Docket No.: X-742 US

Conf. No.: 2798

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RESPONSE TO THE SECOND OFFICE ACTION

Dear Sir:

In response to the second Office Action mailed from the Patent Office on May 18, 2005, please reconsider allowance of the claims in view of the Amendments and Remarks below.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks** begin on page 8 of this paper.